

CLASSES PRIMED FOR BATTLE

PRESIDENT OF '30 ELUDES FRESHMAN KIDNAPPING GANG

Cuts Rope Bonds With Concealed Knife While Confined at Andover

OVERPOWERS BODYGUARD Junior Started Scheme to Get Houston in News Room of THE TECH

Freshmen hopes soared high on Wednesday morning, when after fifteen minutes of hard struggle, they succeeded in capturing D. Tullis Houston, the Sophomore president and carrying him off in a car to Andover. They were soon disappointed, however, for Houston cut his bonds by three o'clock and was back in school in time to preside at the mass meeting of the class of 1930 which was held at 5 o'clock.

During the first hour of classes, Houston was notified by William W. Young '29, News Editor of THE TECH, to be at the News Room by ten o'clock. Being awake to the danger of kidnapping, the Sophomore immediately became suspicious, and secured a bodyguard of four men to accompany him. Suspect Freshman Plot

On reaching Walker the Sophomores caught sight of a crowd of yearlings whose purpose in loitering around the vicinity was only too apparent. Nevertheless, they walked through the midst of the crowd into the building to find Young. Failing in this, they returned, and foolhardily again walked through the midst of the yearlings.

By this time there were about 50 freshmen gathered, and following the initiative of one man, they pounced on the five Sophomores, overpowering them after 15 minutes of rough and tumble. During the struggle, the Sophomores stole the keys from the first two cars the kidnapers brought up to transport their prize, much to the chagrin of the freshmen. Since the key to the third freshman car could not be obtained, the frosh finally succeeded in making a get-away with Houston, though closely followed by a carload of Sophomores.

Head For Andover

These were soon eluded, and the freshmen got their man safely to Andover, where they took him to one of the fraternity houses. There, since Houston refused to give his word of honor not to attempt escape until Friday noon, he was trussed up in a bed on the second floor. His coat was removed and hidden, all money and matches removed from his person, and his shoes also hidden to make an escape even more difficult. Thinking their prisoner safe for the afternoon, the freshmen returned to the Institute, promising to visit him again with some refreshments about supper time.

But Houston had succeeded in concealing a pocket knife from his captors, and with this he was able to cut his bonds, although they were so rigid that it took him over three hours to gain his freedom. He soon found his shoes again, and jumping out a rear window, found himself literally in the arms of some Sophomores who had trailed him to his "prison" and were surrounding the house with a force of 22 men. They immediately returned to the Institute, arriving in ample time for Houston to preside at the mass meeting of the Sophomore Class.

CO-EDS CHOSEN FOR "HAIRY APE" CAST

It was announced Wednesday night that the successful candidates for the feminine leads in "Hairy Ape," the first play of the new dramatics club, had been selected. Miss Rosemary Norris '28 will take the part of Mildred and Miss Helen May '29 will play the part of the aunt.

Mrs. King, librarian of Walker, has been coaching the feminine aspirants, and announces that the first rehearsal will be held Tuesday. The rest of the cast is under the direction of Mr. Dean M. Fuller of the Department of English and History, and held its first rehearsal this week.

Freshman Crew Captain Stages Disappearance

Consternation stalked among the freshmen yesterday. On the eve of battle the captain of their crew was missing! Capt. Robert B. Freeman '31 was successfully abducted, kidnapped, or otherwise done away with yesterday long enough to throw the class of 1931 into a furor.

Before the knowing grins of the crafty Sophomores the freshmen were indignant but helpless. Then, late in the afternoon, came the news of rescue. Relief swept the freshman ranks and their arrogance was restored. But still the Sophomores smiled. Perhaps the rumor that the kidnapping would mean a freshman victory by default had something to do with the timely return.

SOPH CREW RULES FAVORITE TO WIN

Ineligibles Race Second Frosh Crew as Preliminary to Main Event

Opening the athletic events of the day with a race between the Ineligibles and the second frosh boat, Coach Haines will provide a curtain-raiser for the Soph-freshman race, given favorable weather this morning. Following this race, which is scheduled for 8 o'clock, the class will line up in readiness for the starting gun, which will come approximately 15 minutes after the start of the first race.

Coach Valentine of the Sophomore crew and Coach Underwood of the freshman eight have been exhorting their men to the last limit of their endurance to win today's race, to the eternal glory of their respective classes. Each coach seems to be most optimistic as to the outcome, and at the start of the race each declared himself willing to stand, or fall by the results. Underwood has been combing the ranks of the frosh for any possible last-minute first-rate material to put in his boat, and feels satisfied that not a single brawny back has escaped his observation.

Trials Show Sophs Superior

Valentine has expressed complete satisfaction with his group of light oarsmen, and believes that they can outpull their heavier opponents. The Sophs are depending on the nucleus of last year's 150-pound freshman crew to gain them three points to swell their total, and in recent time trials on the river, they surpassed the freshmen's best marks by a slight margin. The 1930 boatmen were highly indignant last night at reports of the kidnapping of Captain Freeman, frosh stroke, declaring themselves in no uncertain tones to be capable of whipping a boatload of freshman strokes.

Close Race Predicted

After having spent over a month in close observation of both class crews in action, it is the opinion of the sports department of THE TECH that the race will be one of the hardest-fought of any Field Day race, with the odds slightly in favor of the more experienced outfit.

The boats will row over the regular one-mile Field Day course, which finishes approximately opposite Walker Memorial. In case of unfavorable weather, the race will be postponed until early this afternoon. The Sophomore-freshman race is scheduled for 8:15 this morning.

The lineups:

SOPHS	FROSH
Flint (capt.) bow	bow, Hall
Orleman, 2	2, Baxter
Sherman, 3	3, Kohler
Luykx, 4	4, Evans
Spaans, 5	5, Otis
Nason, 6	6, Macleod
McKusick, 7	7, Richardson
Harris, stroke	stroke, Freeman (capt.)
Twarogowski, cox	cox, Whitaker
INELIGIBLES 2ND FROSH	
Wilson, bow	bow, Steverman
Gropper, 2	2, McKee
Fitch, 3	3, Lane
Kocher, 4	4, Motter
Sanders, 5	5, Cannon
Irving, 6	6, Rucker
Doherty, 7	7, Birdsell
Riley, stroke	stroke, Binner
Marean, cox	cox, Johnson

SOPHS FAVORED TO WIN THREE OF FOUR EVENTS IN DUEL WITH FRESHMEN

RELAY AND CREW RACES CONCEDED TO UPPER CLASS

Latter Is Slight Favorite In Football—Frosh Strong In Tug-of-War

CREW RACE THIS MORNING

Deprived of the honor of having their numerals engraved on the Field Day Cup last year, the Sophomore class makes its final bid for fame and glory this afternoon when its strength and skill is pitted against that of the yearlings. As has been the case in former years the Sophs are once again chosen favorites. The frosh have turned out in large numbers for every event and have practiced faithfully but the upperclassmen appear to have the edge in experience and ability.

Of the four scheduled events, only one, tug-of-war, is conceded to the first year men. In track and football they are decidedly the underdogs. The result of the crew race is the most uncertain at this time. The frosh have had a record-breaking number practicing daily at the boat house and have really shown a remarkable improvement but the Sophomore eight, composed in the main of last year's 150 pound yearlings, have been rowing so well together that it is difficult to see how they can lose.

Soph Line Is Powerful

Both Coach Joe Parks and Frank Silva express confidence in their eleven but it is doubtful if the frosh can successfully resist the powerful line of their opponents. The Sophomores have one of the heaviest Field Day teams in Institute history, and a set of fast backs that can break through center, charge off tackle, or slip around the ends. The frosh on the other hand are a comparatively light team and will need all their

(Continued on page 4)

PRESIDENT STRATTON TO WITNESS COMBAT

President Stratton has just returned from New York on a special visit to witness today's events. He has been attending a meeting of the committee of Naval Architecture Course and has left New York with the sole purpose of being here on time to be present for the Field Day activities. The President usually makes it a practice to attend Field Day.

HEAVY SOPHOMORE TEAM HAS EDGE ON LIGHTER RIVALS IN FOOTBALL

Yearling Eleven Depends On Fast Aerial Attack To Win Contest

After five weeks of hard practice the Sophomore and freshman elevens are waiting finally for the opening whistle this afternoon that will send them into the main event of Field Day. Because of their unusual weight, the Sophomores, will have a slight advantage. From end to end the line is heavy and powerful; their backfield is fast and surefooted. To offset this the frosh have only speed and spirit.

Certainly the game will be worth watching, for both teams are right in the pink of condition. Each eleven is playing a mighty good game and it is questionable which side will have the advantage in skill and experience. Everything points toward a close game and which ever team goes into the lead will have to work for it.

Experience is one of the biggest factors in the game and which side has had the more is an open ques-

ORDER OF EVENTS	
8:00—Crew Races	(Weather permitting)
12:00—Classes dismissed	
1:30—Relay Race	
1:50—Tug-o-War	
2:00—Football Game	(First half)
2:45—Tug-of-War	
3:10—Football Game	(Second half)
3:55—Tug-of-War	
4:05—Glove Fight	

FRESHMEN FAIL TO ENTER '30 MEETING

Sophomores Were Warned by Spies Who Had Overheard Yearlings' Plans

Howling at the top of their voices, a small mob of freshmen tried to crash into the mass meeting of Sophomores in Room 1-190 yesterday afternoon shortly after 5 o'clock. Their attempt was in vain, however, and the Sophomores celebrated the victory by a rousing cheer.

Plans for the raid were hurriedly concocted at the freshman section leaders' meeting in 4-138. But in their bustle and excitement, the first-year men did not notice two Sophomore spies who overheard all their business, and came to the mass meeting in ample time to warn the Sophomores of the proposed attack.

Re-kidnapping Plot Fails

Being ready for them, the Sophomores easily repulsed the freshmen, warning them of the dangerous results of destroying Institute property. As it had been part of the yearling plans to re-kidnap the Sophomore president, this marked their second failure along that line.

It was a surprise, even to a number of Sophomores, to see their president, D. Tullis Houston, walk up to the speaker's platform and conduct the meeting. He had escaped but two hours ago from a gang of kidnapers who had carried him off to Andover.

He announced to the class when and where they would meet on Field Day, and gave out other secret Sophomore plans, encouraging every one to be on hand on Friday to support '30's teams. Just after the business of the meeting had been finished, the freshmen tried to enter, the only effect of their attempt being to lend zest to the Sophomore cheers which followed their repulse.

This season the frosh have had three outside games to one of the Sophs. Although that seems a big lead the second-year men have had a good workout with last year's Beavers and most of the men are with the outfit for the second year and know each others style from last year. One seems to about balance the other.

On the question of playing ability there is a considerable comparison. Each team has its own style of playing. True, both elevens start their plays from the huddle but the extra weight of the Sophs favors them for a straight running game. The yearlings are depending on a series of trick plays and nice passes. The Sophs have shown plenty of ability in stopping the aerial game and have some good stunts of their own. When it comes to kicking, the yearlings are way behind, for Steele or Pratt can outdistance the best of the frosh.

For substitution the Sophs have a decided lead, for the second-year men have a double set of backs, either one of which is as good as the other. In the line, too, the quality of the subs

(Continued on page 4)

STUDENT RIVALRY AT HIGH PITCH AS FINAL HOUR NEARS

Glove Fight Promises Real Thrill Following Upon Athletic Program

CLASSES OUT AT NOON

With nerves keyed to the highest point by the informal skirmishes that have already taken place, the freshman and Sophomore masses are waiting impatiently to tear each other to pieces in their annual Field Day battle this afternoon. The crew race of the morning will serve only to heighten the tension, since it is an official part of the contest between the two lower classes.

Providing the weather is suitable, the freshman and Sophomore crews will hold their race at approximately 8 o'clock this morning. Neither eight seems to have any advantage as the final hour approaches, so that both classes are planning on having as large a number of supporters present as possible to cheer their crew on to victory.

Official Opening At 1:30

From the end of the race until the official reopening of Field Day at 1:30 o'clock, there will supposedly be a lull in the activities of the men in the two lower classes, due to the fact that there will be classes going on from 9 until 12 o'clock. From the time classes are officially dismissed at noon until the opening of the afternoon events will be a kind of preparation period, during which all will make ready for the final struggle.

At about 1:15, the Field Day band will assemble at the entrance to building 2 and will lead a parade to the stands. The Sophomores are to occupy the last half of the stands nearest the railroad tracks, the remainder of the seats in that stand being reserved. The band will take seats in the small central stands, leaving the freshman their traditional places in the stands nearest the Institute.

Start With Rope Pull

The first pull of the tug-of-war will be held at 1:30 o'clock and the second pull will follow later between the halves of the football game. If necessary a third pull will be held directly after the end of the football game to decide which team shall win the needed two pulls and thus add two points towards the total score of seven which their class must obtain in order to carry the day.

Following the first tug-of-war pull comes the first half of the football game. With the possible exception of the glove fight, this event promises to be the most exciting of the Field Day contests, because the teams seem to be evenly matched, and as the winning team garners five points for its class, the outcome of Field Day practically hangs on the outcome of the gridiron battle.

Between the halves of the football game, and after the second tug-of-war pull, the freshman and Sophomore relay teams will race to see which can add three more points to the total score of its class. If the results of time trials hold there is little to pick and choose between the sets of runners, so that such things as the dropping of a baton or too feeble support

CALENDAR

Friday, November 4

8:00—Crew Race.
12:00—All classes dismissed.
1:30—Start of afternoon activities.
5:00—Glove Fight.
9:00—Catholic Club Dance at St. Cecilia's Hall, Belvidere St.

Saturday, November 5

6:00—Banquet for Field Day Teams in Walker.

Tuesday, November 8

6:00—Dinner Meeting of Corporation XV, Walker Grill.

A Record of
Continuous
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for 46 years



Official News
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Undergraduates
of M. I. T.

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WILL YOU BE EXPELLED FROM THE INSTITUTE?

A YEAR ago the Institute was given a very bad "black eye" by the events before and after Field Day. Distorted publicity was sent out from Cambridge to the entire United States and even got into the columns of a few foreign newspapers. The actual affair was bad enough, but there is no doubt but what the press greatly over-exaggerated the events and termed it a riot. The local stories were bad enough but the degree of exaggeration seemed to be some direct function of the distance from Cambridge. The farther away the story appeared the worse it was painted until according to some west coast reports students of the Massachusetts Institute of Technology had practically destroyed all that was beautiful in the city of Boston.

We cannot reduce the over-exaggeration of the press because we have no strong financial or political power to exert. The capers of the college man both inside and outside of the class room always lend themselves peculiarly well to a featured position on the front page. The metropolitan editors do not think twice about giving derogatory publicity to an institution of learning or its students when anything out of the ordinary occurs. These conditions exist and we cannot hope to combat them or change their method. Our only course of action is to avoid them.

Since our undergraduate body is governed by undergraduates this problem of organizing all of the events of Field Day and the time immediately before and after it is primarily in the hands of undergraduates. We cannot afford to give Technology or Technology men the "black eye" which was given to both last year. It is the immediate duty of every undergraduate to so conduct himself that he will not cause any unfavorable publicity to fall upon his class or upon the Institute.

Various regulations have been drawn up and passed to govern Field Day and put its scope directly within the control of undergraduate leadership. The President and the Dean's Office stand solidly back of the plan of regulation. Every freshman and Sophomore knows that he is liable to expulsion if he exacerbates his Field Day spirit off of Institute property. The parents of all the underclassmen have been warned that their sons are liable to this expulsion. In other words the cards are all on the table. The elements of Field Day rivalry have all been retained and the Glove Fight added for the sake of more intense excitement, but IT MUST BE REMEMBERED THAT THE GLOVE FIGHT OFFICIALLY ENDS ALL FIELD DAY ACTIVITY.

WELCOME TO THE BAND

IT IS with no little pleasure that we welcome the Band to Technology. Nothing has been more needed as an adjunct to Tech Spirit than such an organization. There is something impelling in the cadenced measures of a band. It is a long step from the days of the fife and drum corps to the present-day band; but it has been a step which has left its unmistakable mark upon civilization. The condition of an Army's morale is always helped by a band.

So it is that we can do some prophesying about what the future of the Band will be. But before attempting to visualize the future, this fact must be borne in mind: the Band will only be what we make it. It will not only need the assistance of those musically inclined, but all the rest of us as well. With proper undergraduate support we can easily make Technology songs as well known to the general public as some of the songs of another institution of higher learning not so very far away.

But one of the principal factors which must be satisfied before such a situation can come to pass, is that the undergraduate body must learn the words of their songs. It is nothing short of a tragedy for men to go through four or more years at the Institute, and then go out into the world without knowing the songs which are ever associated with Technology.

It is therefore up to us to see that the band gets a proper reception on its appearance today. Such a proper reception will be voiced by everyone's singing when the Technology songs are played.

With The American College Editors

Editor's Note—The following editorial is taken from the *Brown and White* of Lehigh University, October 28, 1927:

"THE WRONG METHOD"

"Monday afternoon Dean McConnell met the fraternity heads in a conference. At that time he presented a resolution providing that he, or his representative, be given permission to enter any fraternity house on the campus at any time and to search the same for liquor and for all other evidences of disorderly conduct. This resolution he asked them to carry back to their houses and to have passed. In the event that passage is not forthcoming, he will 'use the big stick' and employ other methods to gain his end.

"That liquor and disreputable women are twin evils is not disputed. They are. Furthermore, it is unfortunately true that some students fall before the ravages of these social evils, so that efforts should be made to remove the influence of both. Nor should those efforts be restricted to the zone of direct University control, for the roots of the trouble are to be found in the City of Bethlehem where they have grown deep because they have been so long undisturbed.

"The *Brown and White* is in accord with Dean McConnell's conclusions—that liquor and women must go—but it believes that his methods are certain to alienate even those who welcome his action, because men never have docilely submitted to the indignity of an unsolicited intrusion upon their private life. That life may not be proper, may not be good, but force and fear have never yet succeeded in correcting it.

"The first effort—on the part of the Dean or on the part of any agency sincerely concerned about the morality of college students—should be to cut at the root. Talk with votes; put a blast under Bethlehem officialdom. Make it to their advantage to run both liquor and women out of town."

—Lehigh *Brown and White*.

THE TECH BOOK LIST

THE MARKED MAN

THE MARKED MAN, by Karl W. Detzer. Indianapolis, The Bobbs-Merrill Company. \$2.00

One of the most interesting cases in which to study the influence of heredity is in a man whose father comes from a long line of a certain definite type while the mother has an equally long tradition of another type. Such a man is the chief character in Karl Detzer's "The Marked Man." Norman Erickson's father belonged to a family which had always been connected with the water, but his French mother came from a line of farmers to whom water seemed rather repulsive.

Within the young man, therefore, as he lived on the shore of the Great Lakes was a continual struggle between love of the sea and fear of it. The element of fear had been magnified by his father's gruesome tales of storms, especially one particular storm when the captain's wife and dog were washed overboard—"we feel sorry the dog was lost. But the woman! She gave nobody enough to eat!" Yet in spite of his fear he was unhappy when he was long away from the sea. To complicate matters still more, the girl of his choice, the daughter of a French farmer, detested the sea.

The story is one of the struggle in a man's mind to overcome an extremely powerful fear of storms, and to determine which of his inheritances shall be supreme. He entered the lighthouse service, where cowardice is not allowed, and while there he gradually overcame his fear through contact with storms. The action of the story although vivid and attractive seems in the reviewer's mind to be but incidental to show the progress of battle between two inheritances for the mastery of a man.

Mr. Detzer has gone further than many into the realms of realism. He has succeeded in obtaining realism of character in his hero as well as the realism of action which is more common. Norman Erickson is no super-human being who is merely an instrument for the action of the story but a normal type of man out of whose characteristics the story arises. This, combined with the easy style of the book which makes it more pleasant to read, overcomes the few minor defects of the book to such an extent that it should appeal to everyone who appreciates novels of character development.

H. T. G.

JINGLEBOB

JINGLEBOB. By Philip A. Rollins. New York: Charles Scribner's Sons \$2.50.

Along with several other books attracting the western story reader, comes "Jinglebob," by Philip Rollins,

a less novel and more historic work. Although the book was especially written for boys, in the opinion of the reader, it will probably attract far more older readers.

"Jinglebob" has very little plot, however every bit of it is necessary in order to carry out the general purpose that the writer had when he started this work. No doubt, this purpose is not to present a story, but to portray

the real life of a cowboy some 40 years ago. Mr. Rollins does not intend to crush all the pretty notions of cowboy land that the western movies have instilled into us, instead without mentioning the romantic and fascinating movie hero, he presents to us the real and actual cowboy, who turns out to be as human as the rest of us. He is able to present in an interesting manner.

(Continued on Page 4)

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M. I. T. HARRIERS CLASH WITH TUFTS

Cardinal and Gray Booters Will Oppose Springfield Team Tomorrow

Technology Favored Over Brown and Blue Harriers In Meet At Franklin Park

When the harriers of Tufts and Technology meet at Franklin Field this afternoon the Cardinal and Gray runners are due to win, but as in the other meets this year the score will be close. Besides winning the meet it looks as though the Engineers are going to walk off with first honors too, for Norm McClintock is fast rounding into condition and should be the first to cross the finish line.

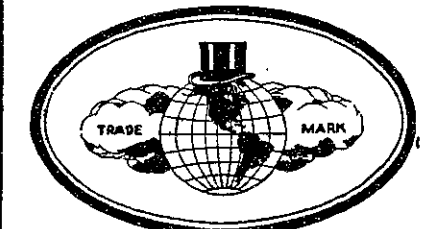
Capt. Paul Johnson of Tufts has developed into an excellent cross country runner and topped off a good season last year by finishing fifth in the New Englands. Ernest Wiles, also of the Brown and Blue team, although only a Sophomore, has been following close on his captain's heels this year and the two were just nosed out at the tape by Capt. Lockhart of B. U. last month. Norm McClintock will have to step fast but he ought to defeat the two Medfordites.

Technology ought to take the next three places with Capt. Pete Kirwin, Leon Thorsen, and Newell Mitchell. Thorsen is coming along fast in his first year of Varsity competition and last week finished right with Capt. Kirwin in the meet with New Hampshire.

Two Tufts men, Seaward and Rosen will probably finish seventh and eighth. Leonard Rosen was not far behind Mitchell of Technology last year in the New Englands, but Carl Seaward, a Sophomore, has beaten his more experienced teammate several times this year. Chuck Worthen of the Engineers is scheduled to take the next place, beating out Bill Redman, another Tufts Sophomore.

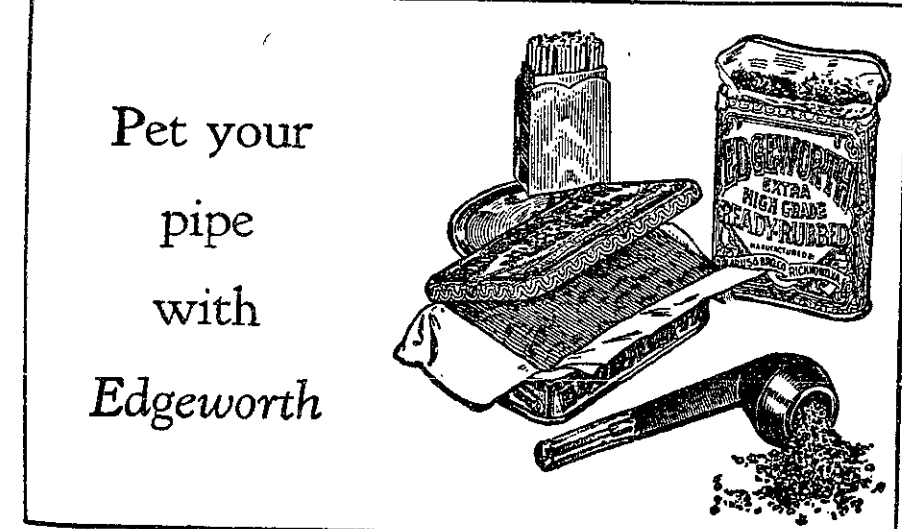
If the men run true to expectations Technology will win by a score of 25 to 30 this afternoon. McClintock will have to be in top form to win for Paul Johnson is in the pink of condition and in his last race, a dual meet with Wesleyan, led the field by more than 250 yards at the finish.

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Limit for Victory

MONG WILL NOT PLAY

Technology's booters meet Springfield on the Coop field tomorrow afternoon at 2 o'clock and a lively game is predicted as the Cardinal and Gray are out for Springfield's scalp to avenge the disastrous defeat that Clark handed them last Saturday. Technology has the edge over Springfield mainly because of the fact that they are playing on their own field.

Coach Welch will use a new lineup, as the one employed last week did not work out very well, probably because of the absence of Mong, who is one of the chief cogs in the Cardinal and Gray's offense. In all probability he will not play tomorrow as the Coach wants to save him for the Harvard and West Point games. As a whole the offense has improved greatly and has worked out quite a few plays which should serve to keep their opponents constantly on the alert tomorrow.

Work on some new defensive tactics has been carried on throughout the week and is rapidly assuming perfection. The shifting of Sharabati to a forward position may weaken the halfbacks a little, but it may bring about better co-operation between the forwards and halfbacks, which has been one of the chief faults of the team so far this year. The fullbacks are improving more and more every game, but they still need considerable work as they occasionally miss a few shots. Wyman proved his worth at goal and his performance last Saturday showed that he is good any place and is big enough to cover all the goal pretty thoroughly, leaving very few openings for the ball to get in. Ed Hawkins and Bill Cline, who have been showing to such good advantage of late, are expected to break up the Springfield attack.

SOPHS ANTICIPATE VICTORY IN RELAY

Results Of Time Trials Prove
Upperclassmen To Be
Faster Group

Barring accident the Sophomores will win this afternoon's relay race by at least 30 yards. The yearling team cannot hope for any closer race on the showings of the two teams to date in time trials, unless as was the case last year, the Sophs fail to hold on to the baton. The second-year men have an advantage of almost half a second per man over their freshman rivals and with such an advantage they should have little difficulty in defeating the frosh.

Only one of the 12 Sophs has failed to do the furlong in 26 seconds or better, while the freshmen can boast of only five men capable of covering the distance in that time. Freddie Ladd of the Sophomore team will run anchor against Broder, the yearling's best bet, and even if the frosh can keep on even terms up to that point in the race Ladd should break the tape at least five seconds ahead of him.

Edlund and Sullivan will toe the mark at the gun. These two men are well matched and there should be very little distance between them when they pass the baton to Gonzalez and Leadbetter, who will run second. These men are also evenly matched, according to last week's time trials, so Svensson and Ayers, running third, should also start off on even terms. Svensson, however, should give his teammate, Kenney, a lead of about five yards over Persson, the freshman runner, and from this point on the Sophs should keep the lead until Jandris, the Sophomore's eighth runner, takes the baton from Horton. Jandris, one of the fastest of the second-year men, ought to widen the gap to about 15 yards. Addison, Henderson and Ross will probably increase it to 5 yards and Ladd, taking the baton for the last stretch, will have little difficulty adding another five yards to the Sophomores' margin of victory.

The running order of the teams will be as follows: 1930—Edlund, Gonzalez, Svensson, Kenney, Bragdon, Thompson, Horton, Jandris, Addison, Henderson, Ross, Ladd. Substitutes—Hughes, Poisson, Merrill. 1931—Sullivan, Leadbetter, Ayers, Persson, Lodge, Wood, Danforth, Moody, Olerman, Gifford, Haskell, Broder. Substitutes—Seaver, Mapes.

Heavy Soph Team Has Slight Edge Over Yearlings

Fast Football Is Expected With
Both Squads Using Huddle
System

(Continued from page 1)
rates up and there are plenty of them. The frosh will put in their best men and trust they will not have to replace too often.

Undoubtedly the Sophomores have the advantage in size in their line. The frosh line has shown a tendency to loosen against a strong opposing line. In experience and playing ability they are about equal. If the frosh show the fight that the yearling teams generally do on Field Day they may turn the game, but it looks as though the Sophs had a slight edge.

The lineups:
1930
Vanderwerker, re. le. Wilson
Habley, rt. lt. Allen
Billings, rg. lg. Kamy
Deyarmond, c. c. Moss
Drake, lg. rg. Boynton
Byrne (capt.), lt. . . . rt. Ahlberg (capt.)
Wallace, le. re. Garrett
Steele, qb. qb. Lamoretti
Dean, rbb. lbb. Ford, Hardy
Riley, lbb. rbb. McMinn
Pratt, fb. fb. Grondel

FIELD DAY POINTS

Football	5
Track	3
Crew	3
Tug-of-War	2
Total	13

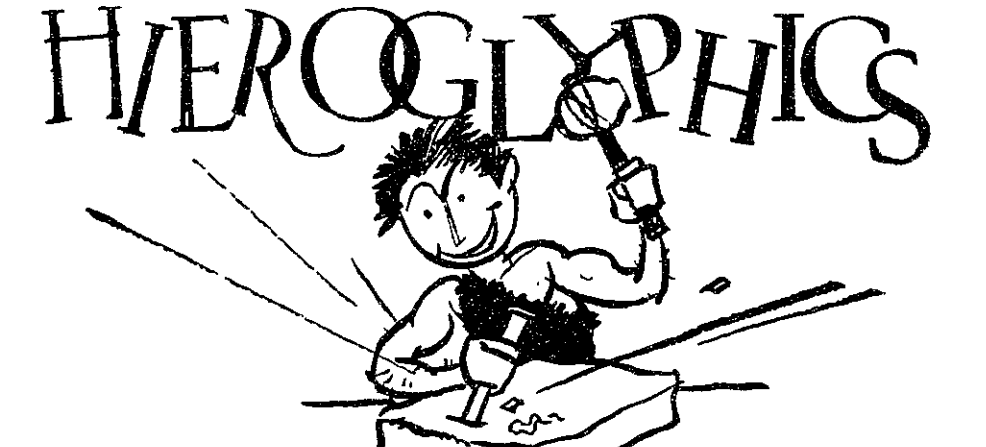
Although Technology has been beaten in its only two meets this year, the team has been right in the fighting all the time. Tufts is going to be the Engineers' opponent this week and it will be not at all surprising to see Coach Os Hedlund's charges come through.

GRACE HORNE'S
Cerulean Blue
442-444 Stuart Street at
Dartmouth
A Bit of Paris
with New England Cooking
LUNCHEON TEA DINNER
Tel. Kenmore 6520
Just back of the Copley Plaza

STODDER SHOES
STYLE-VALUE-QUALITY
A
"Johnston & Murphy
Shoe"
at
\$12.75
Made of the wonderful Mar-
tin's Genuine imported
Scotch Grain—the wear
plus leather, by Johnston &
Murphy over their most suc-
cessful last—the Haig Com-
bination and offered by us
at this remarkably reason-
able price.
Special 12½% discount to
Tech. Students on all cash
sales at our list prices.
COES-STODDER
19 TO 14 - SCHOOL STREET



HEROGLYPHICS



what kind do you write?

If the profs find it hard to read your hieroglyphics, they really can't be blamed if they give you lower marks than you may think you deserve.

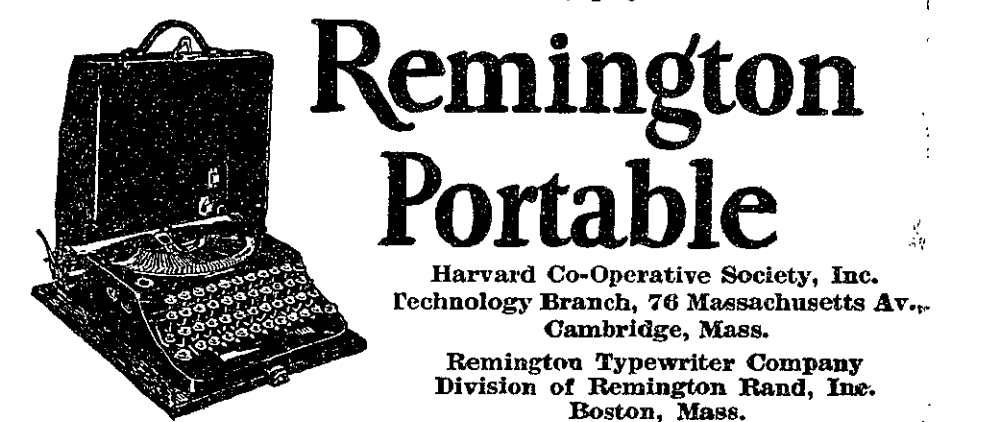
Take no chances. Get a Remington Portable and let it do your writing for you. It will speed up your writing and the full legibility and neatness of type-

written work cannot fail to help your grades. Remington Portable—the recognized leader in sales and popularity—is the smallest, lightest, most compact and most dependable portable with standard keyboard. Carrying case only 4 inches high. Weighs 8½ pounds, net.

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FIELD DAY BAND WILL PLAY WHILE RIVALS STRUGGLE

First Tug-Of-War Pull Will
Be Followed By Class
Football Game

"STEIN SONG" ENDS DAY

(Continued from Page 1)
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gregation.

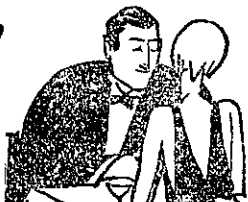
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year.

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FABERY'S SALTS
The best saline laxative
Over 30 years on the market
MILLER DRUG CO.

TUXEDOS
SLIGHTLY USED
\$10.00
up
CAMBRIDGE LOAN CO.
526 Mass. Ave., Central Sq.
CAMBRIDGE

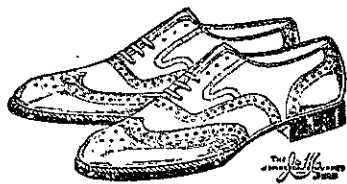
Shh-h!
The
Young
Lady



Whose back is toward you, has
just told the young man that she
will cancel a previous date any
time he will take her to—

The Smartest Place to Dine and
Dance in Boston
MUSIC BY LEO REISMAN

The New
EGYPTIAN ROOM
of 1927
AT HOTEL BRUNSWICK



Two convenient stores
in which to buy your
Johnston & Murphys
—in the Parker House
and next the Touraine.
Or we should be glad to have
you buy from our representa-
tive who will call with
samples.

THE *Johnston & Murphy* only
We sell **JOHNSTON & MURPHY** SHOE
J. L. ESART COMPANY
46 BOYLSTON ST. 58 SCHOOL ST.
Next Hotel Touraine Parker House

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THE TECH BOOK LIST

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toms and organization of these men
who have played so important a part
in the economic history of this coun-
try.

Because the author had authorita-
tive information on his subject and
because he loved the cowboy, this
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of American life. F. M.

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- Sizes 36 to 42
- SPECIAL PRICE

\$7.50

LOWER FLOOR—THE STORE FOR MEN



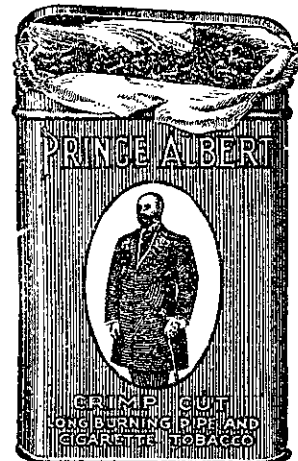
Pipe paths lead to P.A.

YOU can take the long, circuitous
route and come to P.A. by de-
grees, as you eventually will, or
you can cut corners and start right
with The National Joy Smoke.
Open a tidy red tin of Prince
Albert, drink in that rich, rare
aroma, and you will decide on the
quick route.

Your first taste of P.A. in a
pipe will clinch the decision. What
a smoke, honestly! Cool as a con-
ference in the Dean's office. Sweet
as getting back on unlimited cuts.
Mild as tea, but with that tobacco-
body that satisfies your most

deep-rooted smoke-hankering.
No matter how fast you feed it,
P.A. never bites your tongue
or parches your throat. Just cool
contentment and solid satisfaction
with this long-burning favor-
ite of experienced jimmy-pipers.
Ream out the old pipe and give
it a brand-new deal with good
old P.A.—today.

P. A. is sold every-
where in tidy red tins,
pound and half-pound
tin humidors, and
pound crystal-glass
humidors with sponge-
moistener top. And
always with every bit
of bite and parch re-
moved by the Prince
Albert process.



PRINCE ALBERT

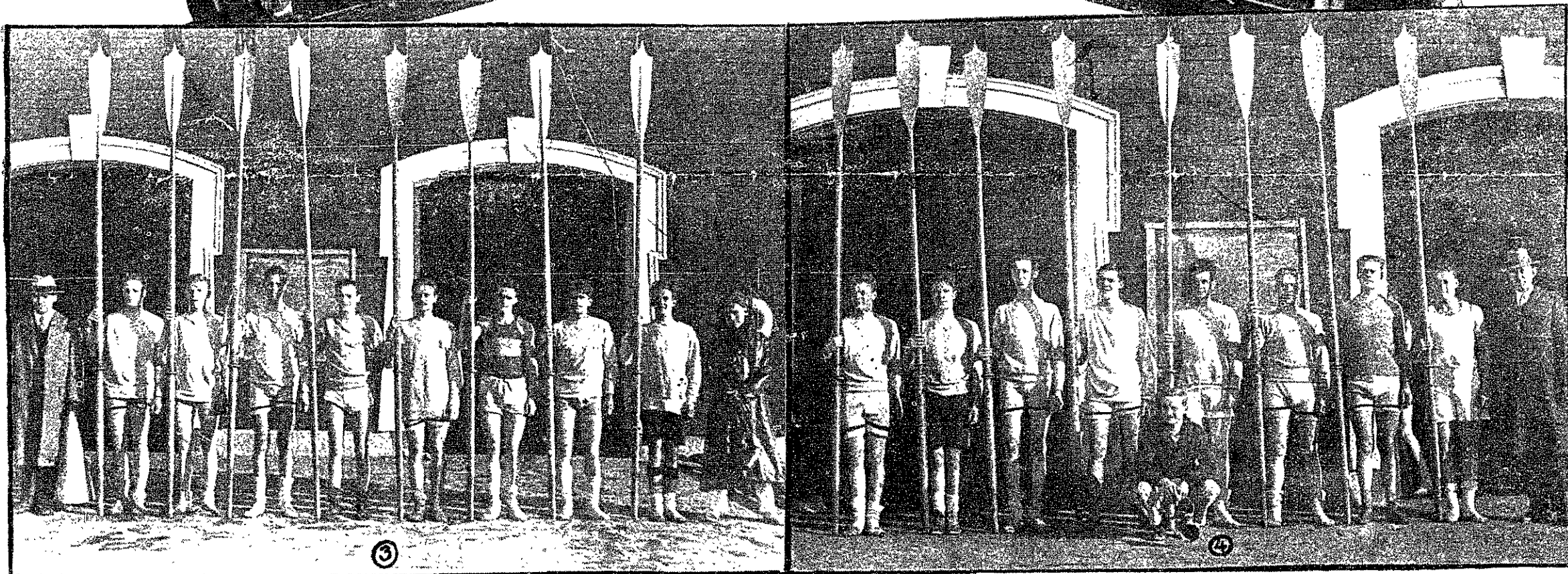
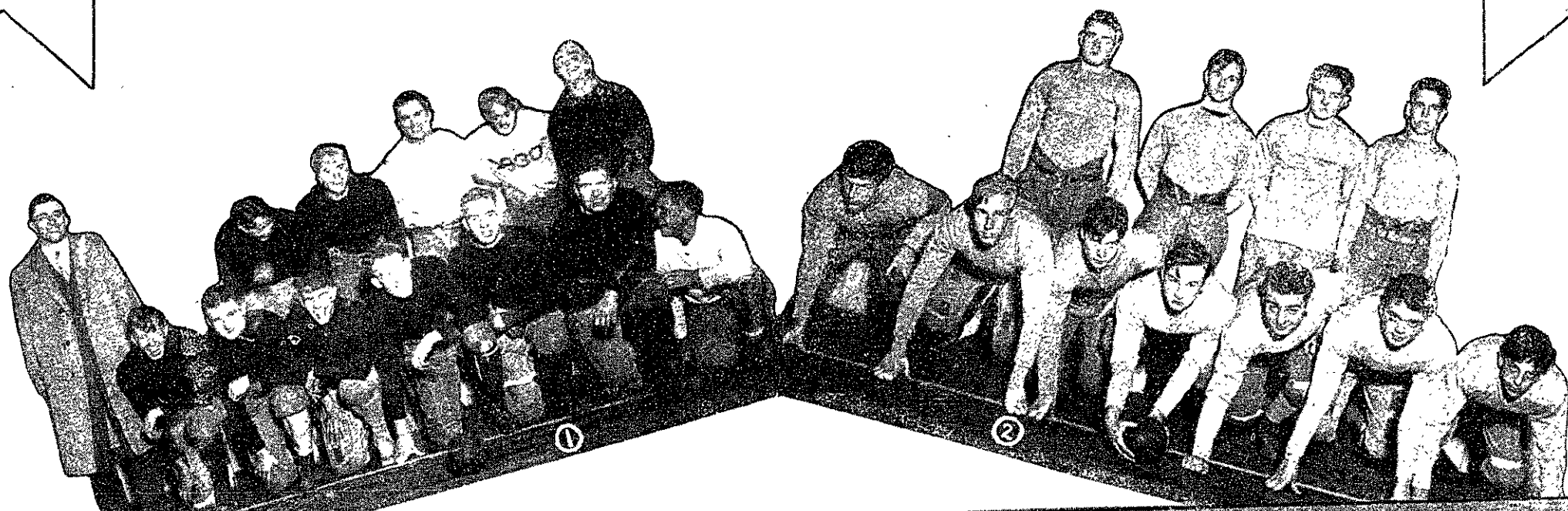
—the national joy smoke!

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Company, Winston-Salem, N. C.

FIELD DAY

'30

'31



1. The Sophomore football team, which must win the game today to insure the appearance of their class numerals on the famous Field Day cup. Standing, left to right: Parks (Coach) Snyder, Steele, Pratt, McHugh, Sheuren. Kneeling, left to right: Searles, Habley, Billings, Deyarmond, Engler, Captain Byrnes, Henderson. 2. Here we have the stern, business-like squad upon which the freshmen are pinning their hopes of victory. Standing, left to right: Grondal, Lamoretti, McMin, Ford. Kneeling, left to right: Darret, Captain Ahlberg, Boynton, Coit, Kamy, Allen, Giddon. 3. The Sophomore crew lined up for their picture. Left to right, we have: Coach Valentine, Harris (Bow), MacKusick, Nasor, Spaans, Luykx, Sherman, Orleman, Flint (Stroke), Twarogowski (Coxswain). 4. The first freshman crew in a photographic frame of mind. Left to right: Hall, Baxter, Canon, MacLeod, Otis, Rucker, Richardson, Evans. Coxswain Whittaker is kneeling in front. 5. Captain Ahlberg of the freshman football team. 6. The famous freshman band. This group will furnish the first organized musical program for many years at the annual melee on Tech Field today. 7. "Cousin Horace," son of "Uncle Horace," will fight for the freshmen today on the gridiron. 8. The cross-country team during a workout. 9. The finish of a cross-country trial race held recently. Captain Pete Kirwin is shown at the extreme right.

Staff Photos by Leuenberg

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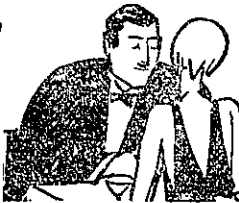
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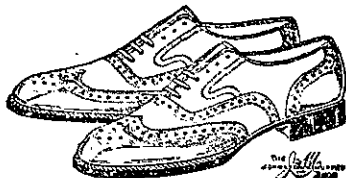
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J. L. ESART COMPANY
46 BOYLSTON ST. 58 SCHOOL ST.
Next Hotel Touraine Parker House



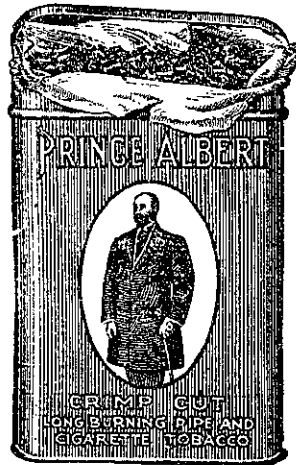
Pipe paths lead to P.A.

YOU can take the long, circuitous
route and come to P.A. by de-
grees, as you eventually will, or
you can cut corners and start right
with The National Joy Smoke.
Open a tidy red tin of Prince
Albert, drink in that rich, rare
aroma, and you will decide on the
quick route.

Your first taste of P.A. in a
pipe will clinch the decision. What
a smoke, honestly! Cool as a con-
ference in the Dean's office. Sweet
as getting back on unlimited cuts.
Mild as tea, but with that tobacco-
body that satisfies your most

deep-rooted smoke-hankering.
No matter how fast you feed it,
P. A. never bites your tongue
or parches your throat. Just cool
contentment and solid satisfaction
with this long-burning favor-
ite of experienced jimmy-pipers.
Ream out the old pipe and give
it a brand-new deal with good
old P.A.—today.

P. A. is sold every-
where in tidy red tins,
pound and half-pound
tin humidors, and
pound crystal-glass
humidors with sponge-
moistener top. And
always with every bit
of bite and parch re-
moved by the Prince
Albert process.



PRINCE ALBERT

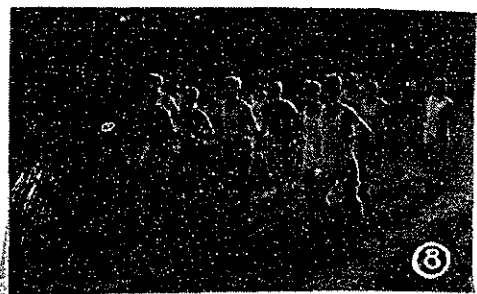
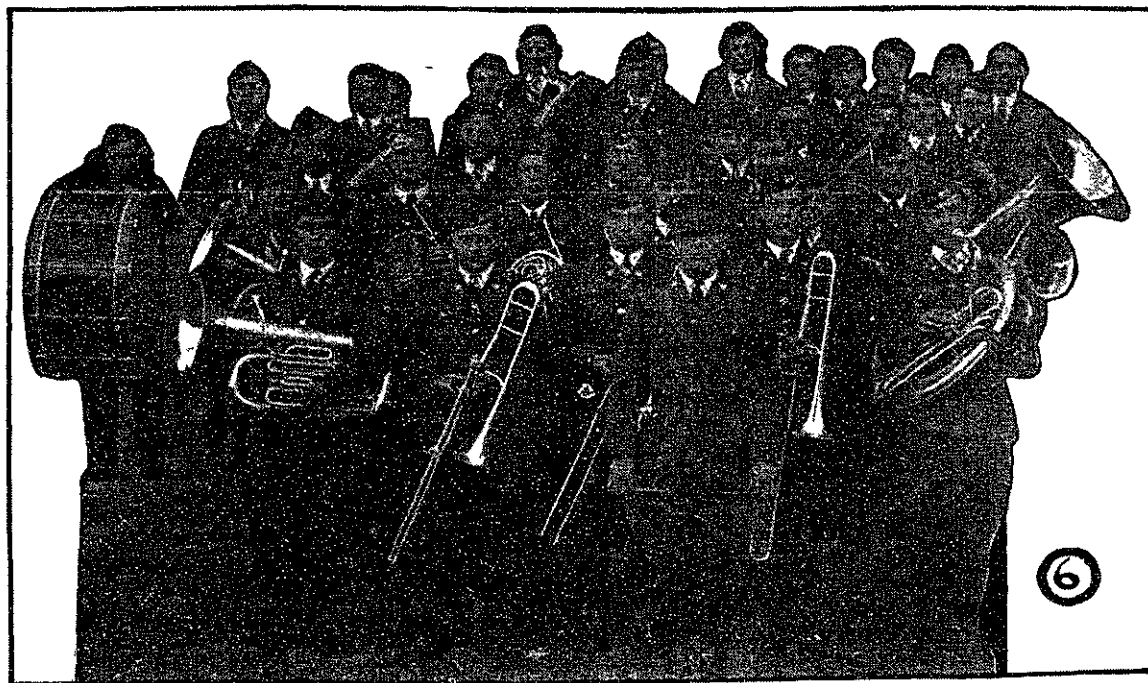
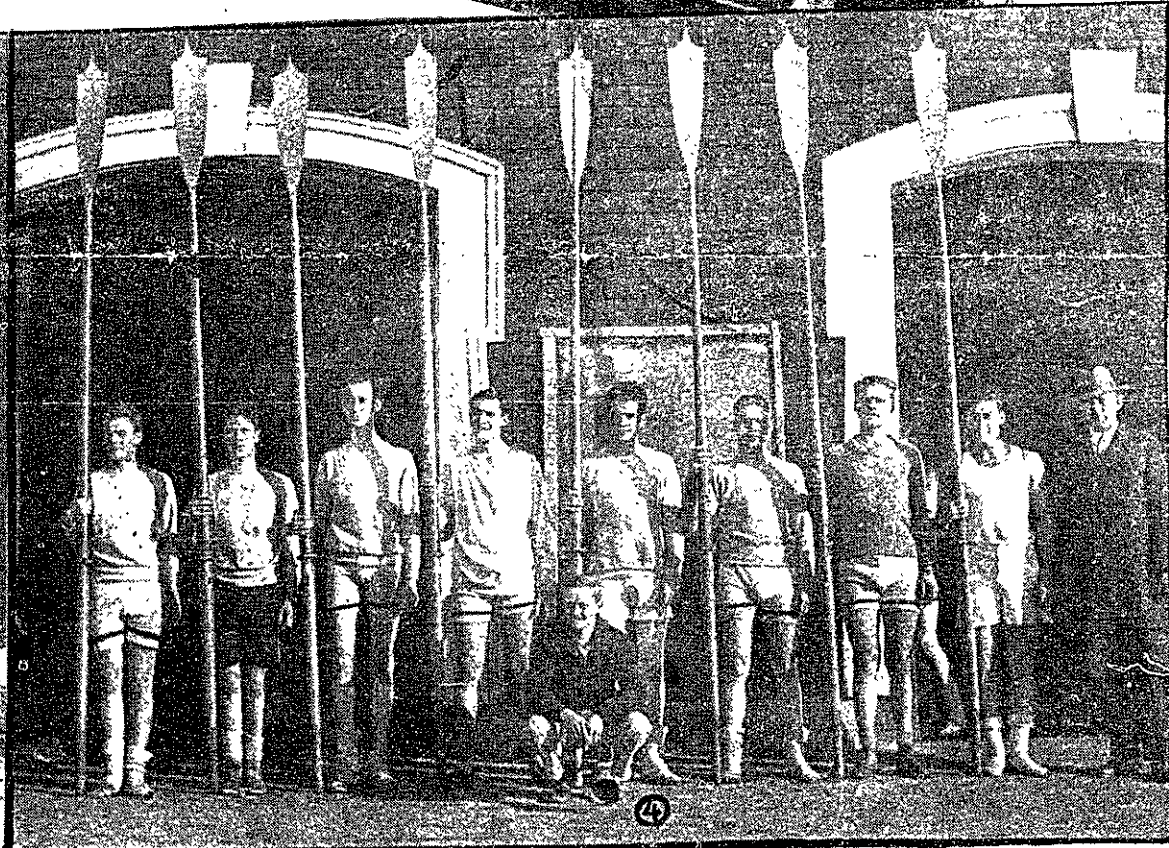
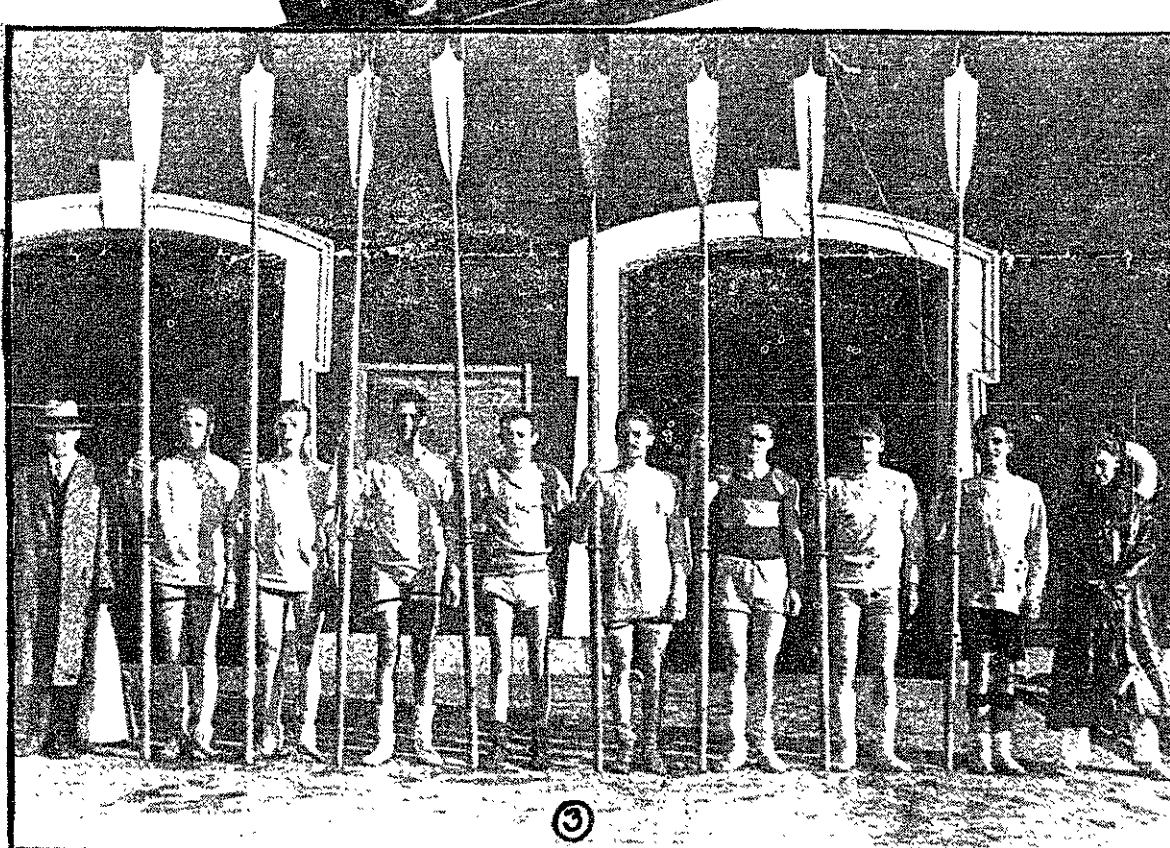
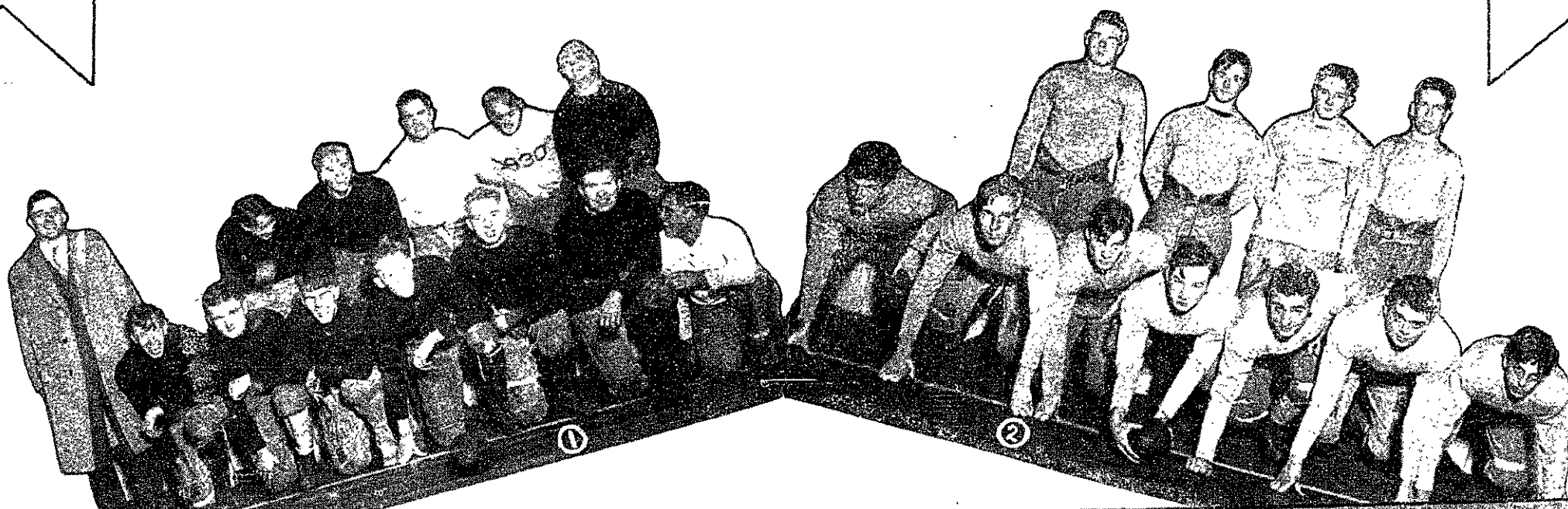
—the national joy smoke!

© 1927, R. J. Reynolds Tobacco
Company, Winston-Salem, N. C.

FIELD DAY

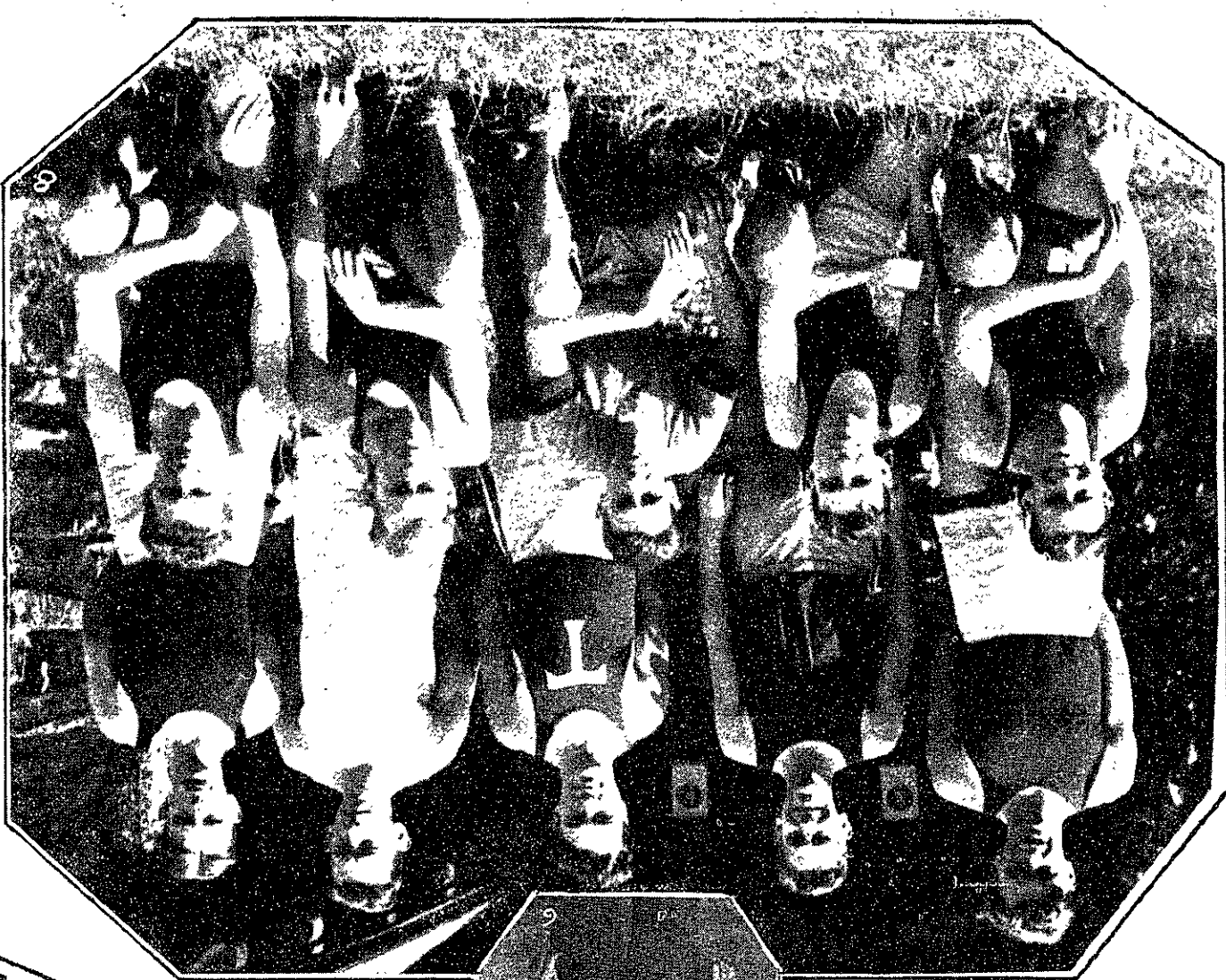
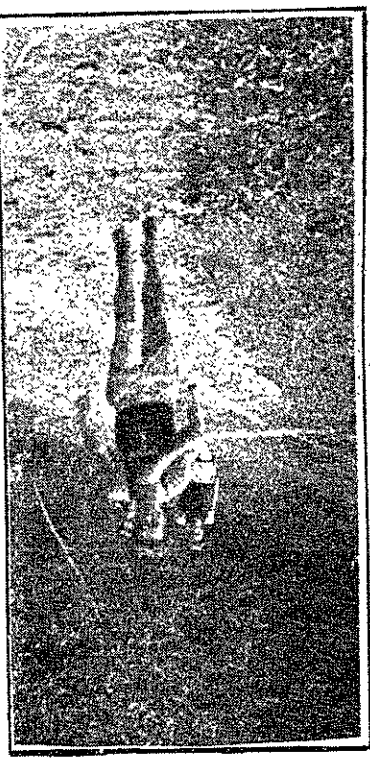
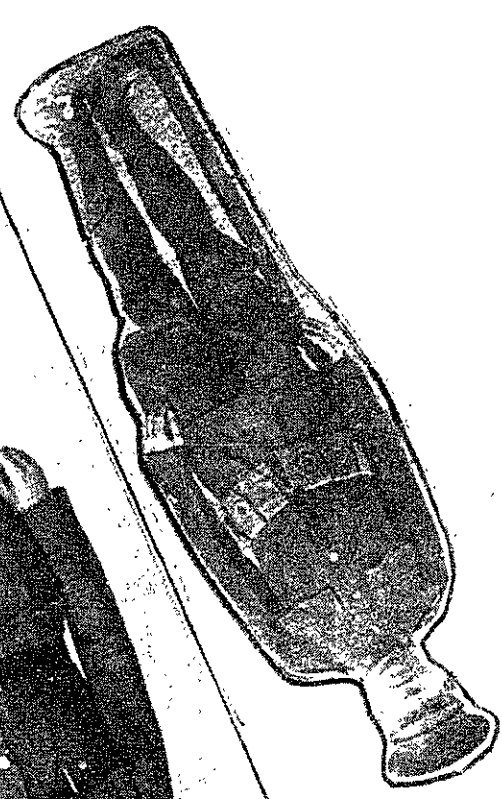
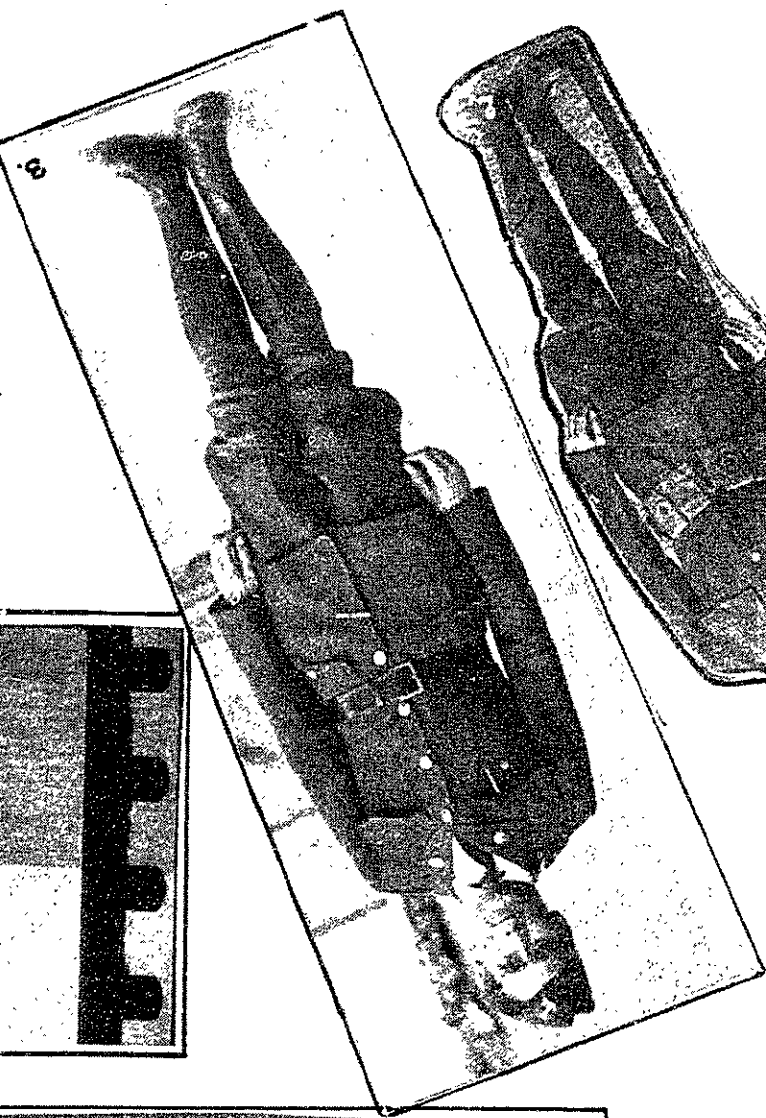
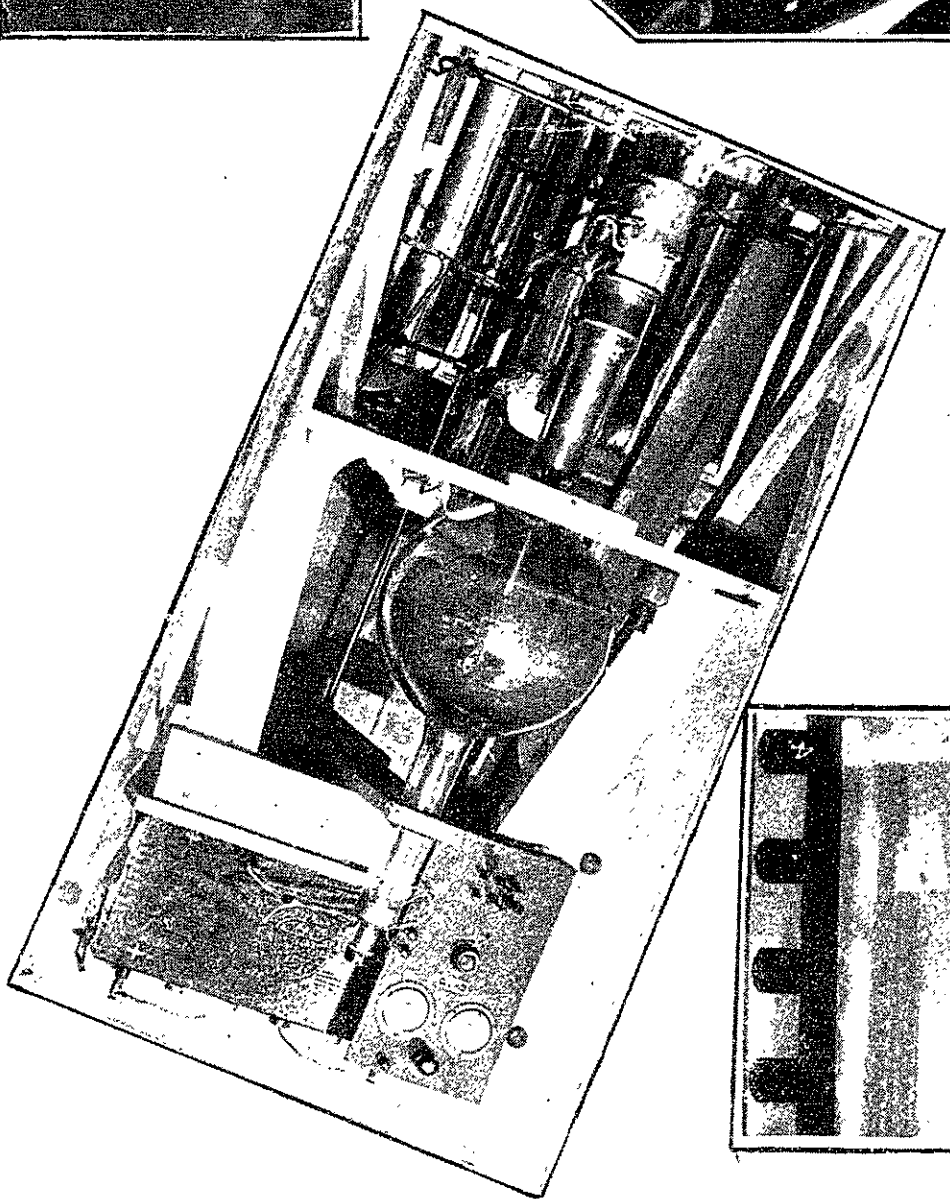
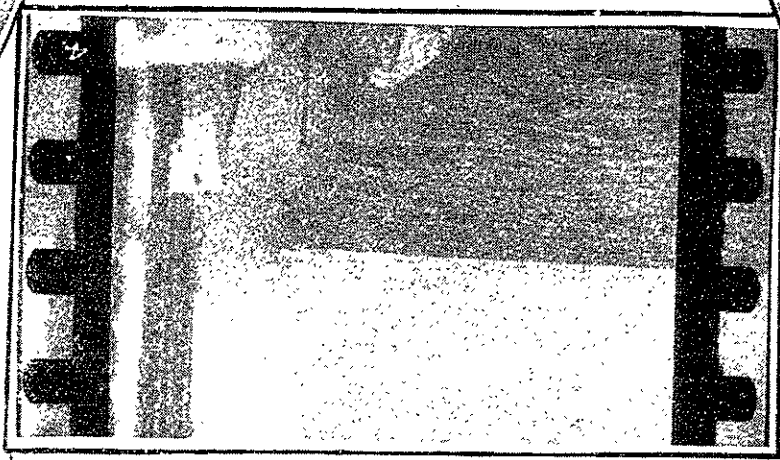
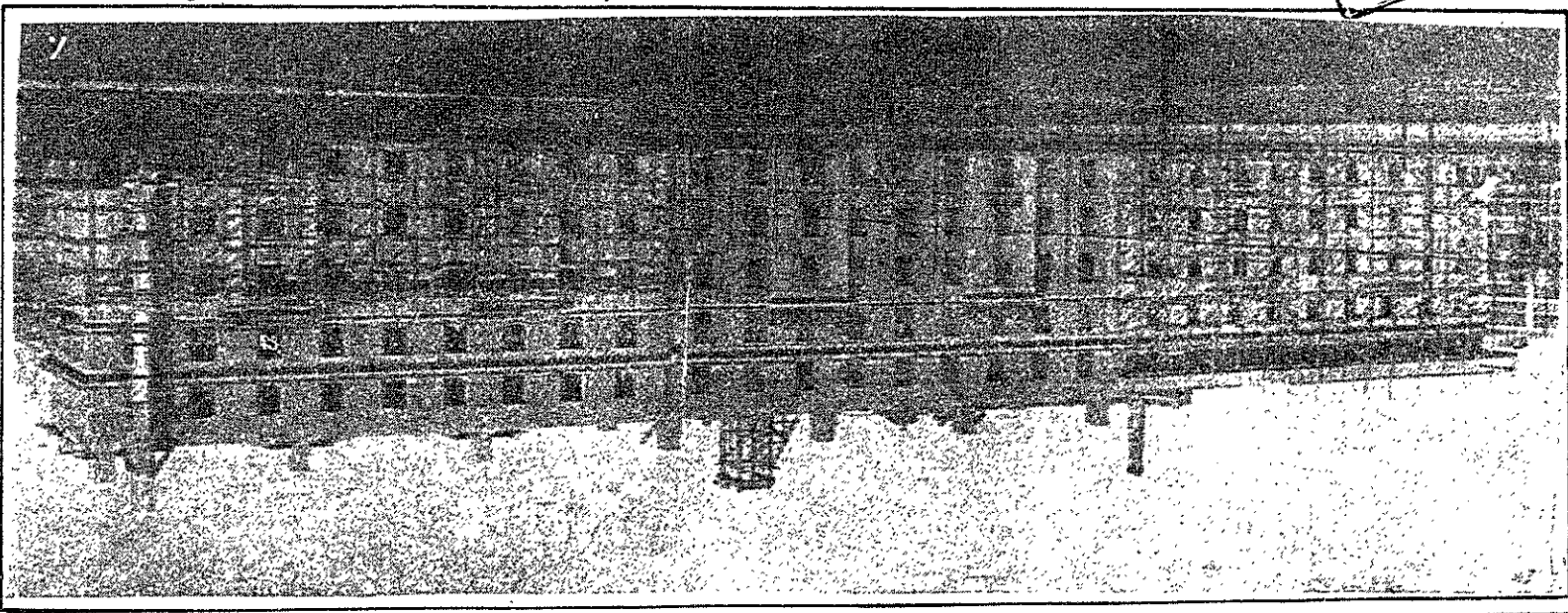
'30

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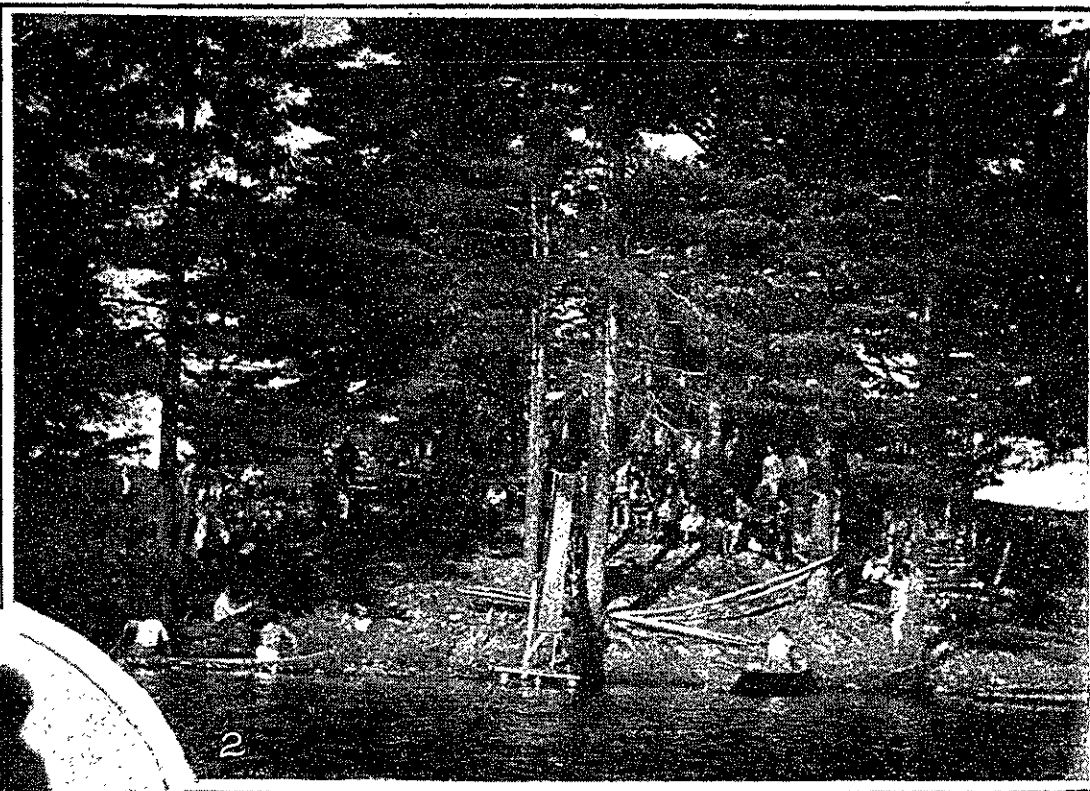
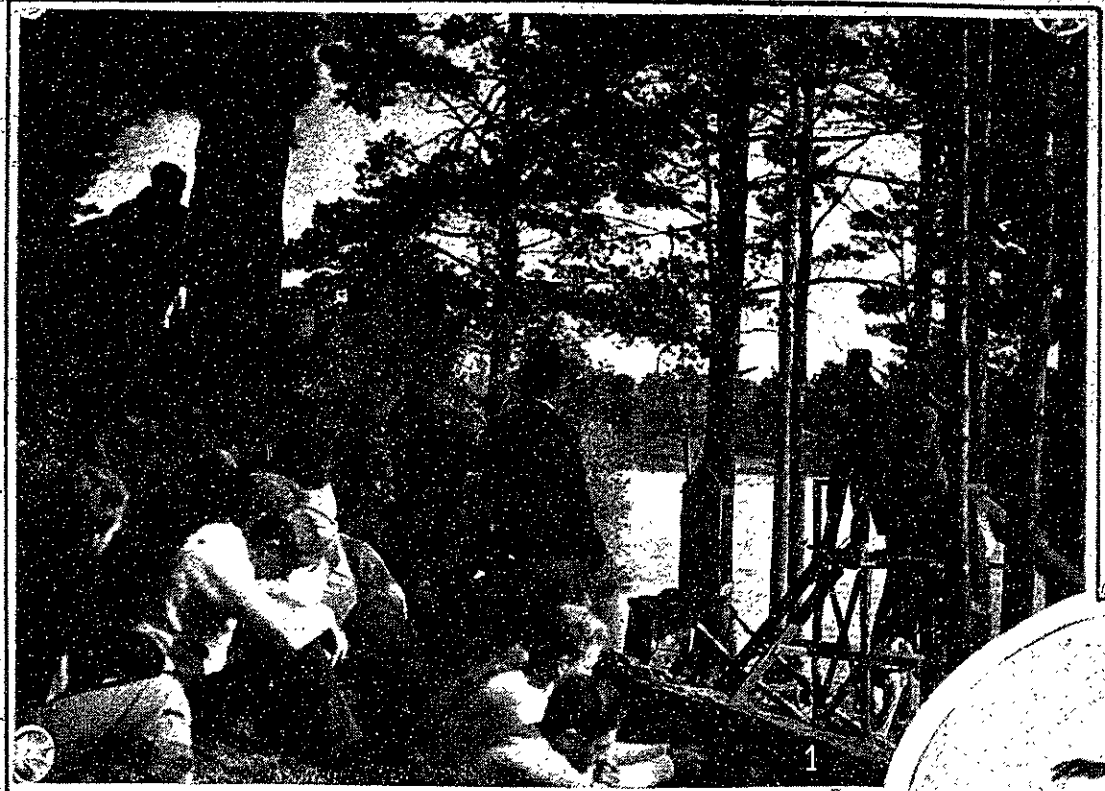
1. The Sophomore football team, which must win the game today to insure the appearance of their class numerals on the famous Field Day cup. Standing, left to right; Parks (Coach) Snyder, Steele, Pratt, McHugh, Sheuren. Kneeling, left to right; Searles, Habley, Billings, Deyarmond, Engler, Captain Byrnes, Henderson. 2. Here we have the stern, business-like squad upon which the freshmen are pinning their hopes of victory. Standing, left to right; Grondal, Lamoretti, McMin, Ford. Kneeling, left to right; Darret, Captain Ahlberg, Boynton, Coit, Kamy, Allen, Giddon. 3. The Sophomore crew lined up for their picture. Left to right, we have; Coach Valentine, Harris (Bow), MacKusick, Nasor, Spaans, Luyck, Sherman, Orleman, Flint (Stroke), Twarogowski (Coxswain). 4. The first freshman crew in a photographic frame of mind. Left to right; Hall, Baxter, Canon, MacLeod, Otis, Rucker, Richardson, Evans. Coxswain Whittaker is kneeling in front. 5. Captain Ahlberg of the freshman football team. 6. The famous freshman band. This group will furnish the first organized musical program for many years at the annual melee on Tech Field today. 7. "Cousin Horace," son of "Uncle Horace," will fight for the freshmen today on the gridiron. 8. The cross-country team during a workout. 9. The finish of a cross-country trial race held recently. Captain Pete Kirwin is shown at the extreme right.

Staff Photos by Levenberg



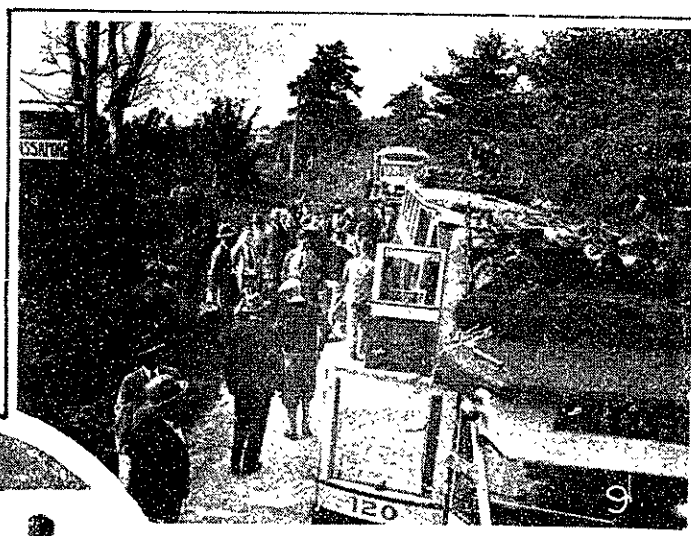
1. New units on either side of '93 dorm now under construction.
2. Former cumberdome freshman R. O. T. C. uniform.
3. Snappy "Kaydet" outfit, now a familiar sight on the campus.
4. An iceberg scene snapped from the "Radio" along Labrador coast.
5. A Coolidge X-ray tube in use at Technology.
6. "Os" Hedlund, diminutive Coach of Track.
7. "Pete" Kirwin, Captain of Cross Country.
8. Cross Country Squad from left to right: Front row—Dick, Blackwood, Thorsen, Mitchell, Walsh. Back row—McClintock, Worthen, Captain Kirwin, Schroeder, Holmes.
9. "Worthie" running on the Winchester course.
10. "Mitch" preparing for Tufts race tomorrow.
11. "Leon" Thorsen, hard-working candidate for Cross Country honors this season.

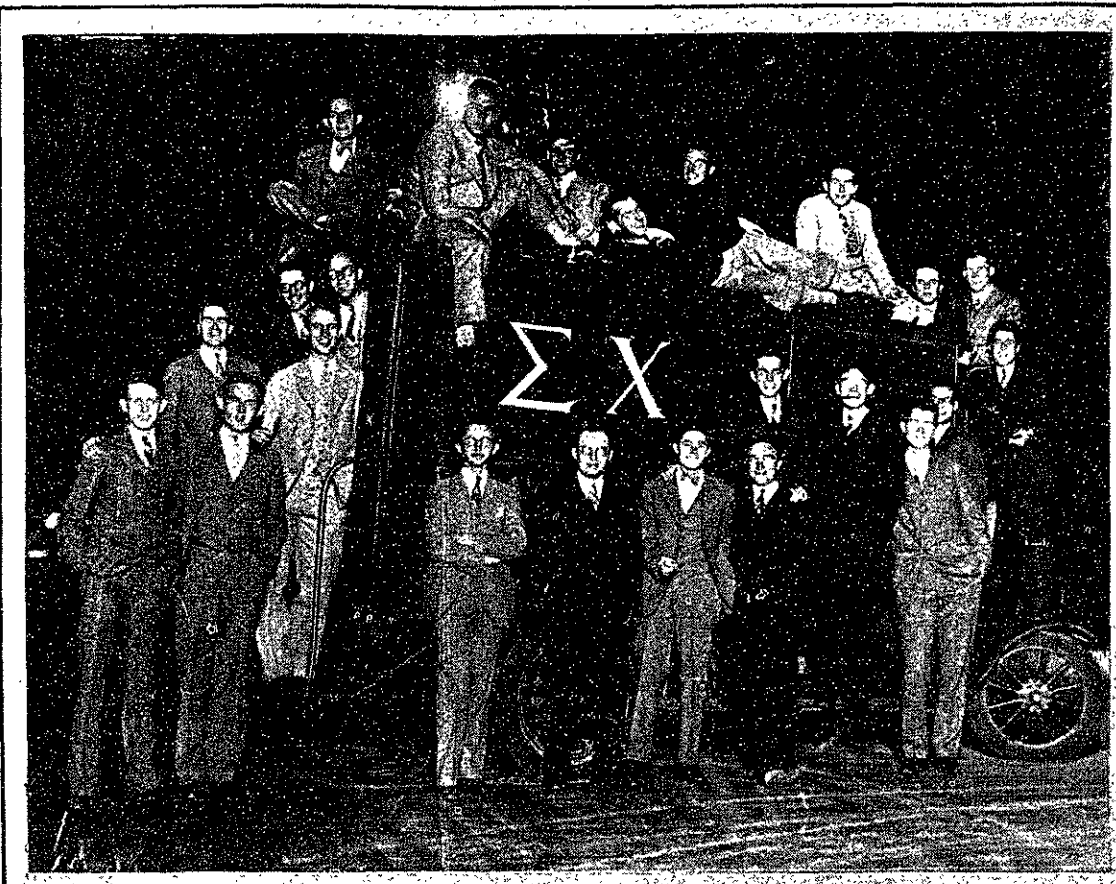
Staff Photos by Lewenberg



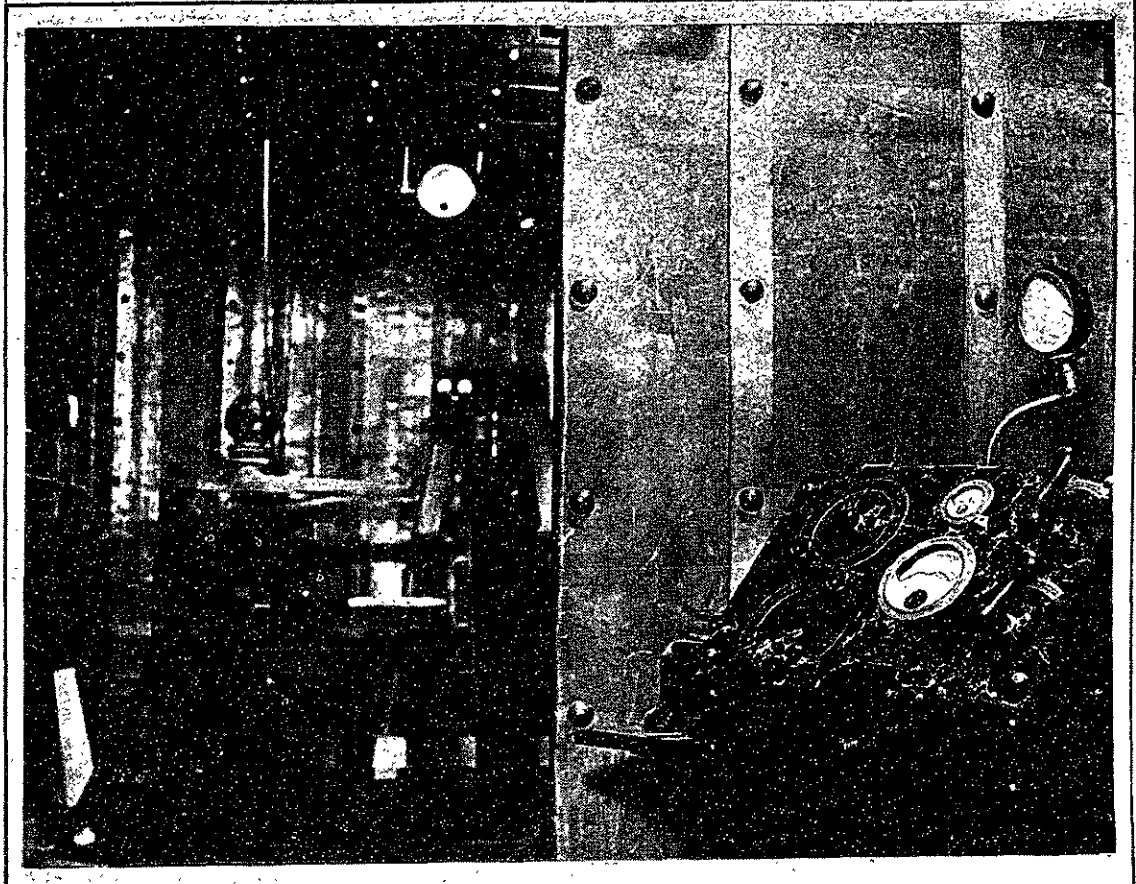
- FRESHMAN CAMP — 1927
1. An activities mass meeting.
 2. View from Lake Massapoag—chutes in foreground.
 3. Faculty at play—Professor Hamilton.
 4. Washing up after mess—a favorite frosh pastime.
 5. Too many bosses. One of the tents doing its bit.
 6. Call of the wild; somebody just sounded "mess."
 7. A class in domestic science.
 8. When Tui Houston got all wet.
 9. Busses that brought the crowd to camp.
 10. "They's crew men in that air scow." Who's stroke?
 11. The camp directors. Left to right: Coach Sylva, Orville B. Denison, Coach Haines, Phillips Elliot, Coach Valentine, Wallace M. Ross.
 12. Undergraduate camp leaders. Standing, left to right: Theodore A. Riehl '30, D. Tullis Houston '30, Harlan R. Jessup '28, John S. Middleton '28, Robert S. Harris '28, Ralph T. Jope '28, Robert J. Joyce '28, John W. Chamberlain '28, Paul A. Johnson '28, Ernest H. Knight '28, George I. Chatfield '28. Sitting: Howard S. Gardner, Jr. '30, C. Brigham Allen '29, Paul E. Ruch '28, Norman C. Estes '28, Emil O. Malmquist '28, Willard J. Slagle '28, Cyril B. Meagher '28.

Photos by T. Levenberg '30, staff photographer of THE TECH.

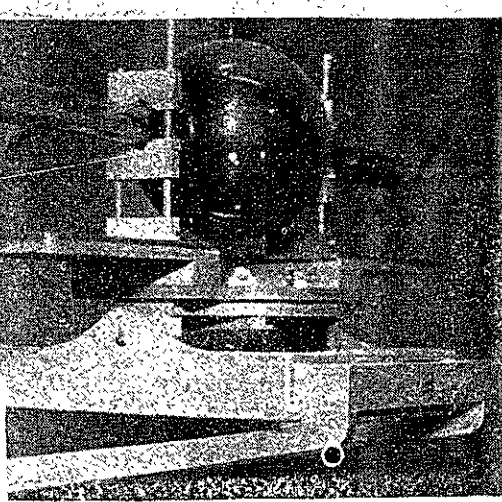
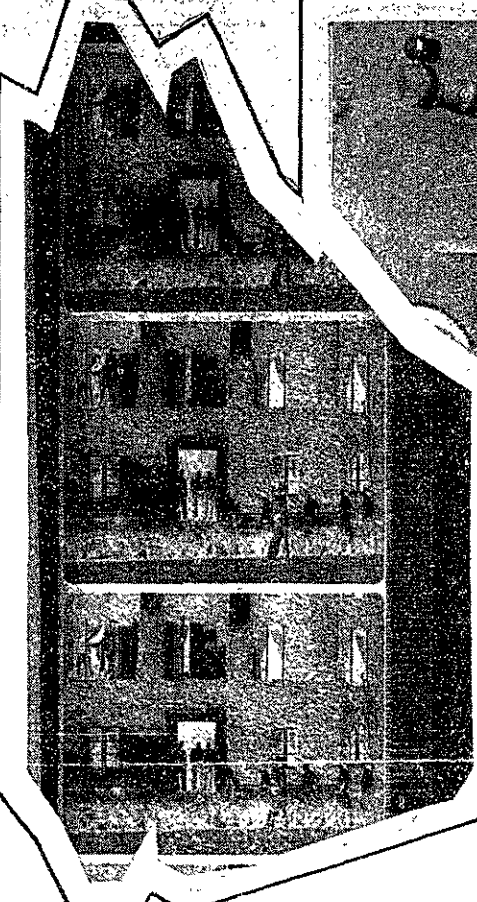
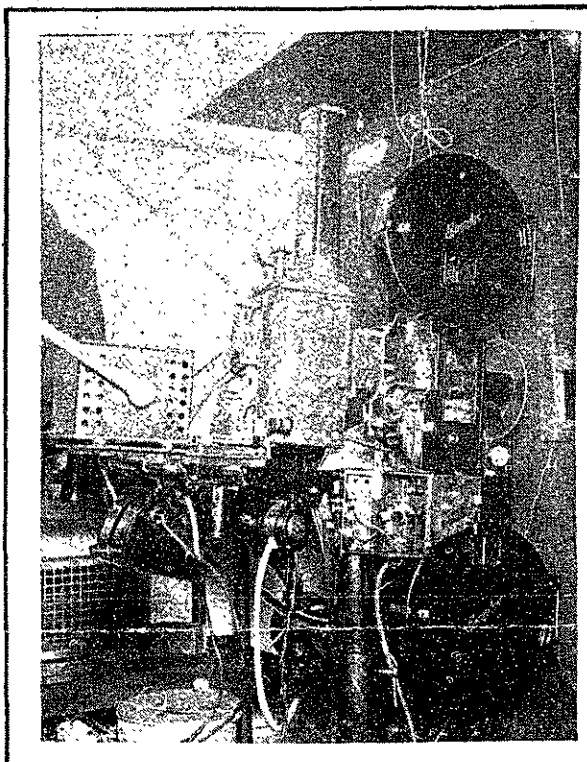




Above: Paddy wagon de luxe. "Black Maria," the Sigma Chi fraternity carryall. It has undergone many misguided adventures.



Above: Technology's lead-lined chamber, a protective measure against the injurious rays from tubes used in X-ray experiments.



Extreme left: A view of the special projection machine used in the Movietone feature at the All-Technology Smoker.
Center left: Enlargement of negative Movietone film, showing horizontal lines which reproduce sound.
Center right: One of the great X-ray tubes used in the lead-lined chamber shown above.
Extreme right: Eloy Benson, Physics Department, holding the first X-ray tube used in the United States, now in possession of the department.



Staff Photos by Lewenberg

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers Courses, each of four years' duration, in Civil, Mechanical, Electrical and Aeronautical Engineering; Naval Architecture and Marine Engineering; Mining Engineering and Metallurgy and Geology; Architecture and Architectural Engineering and Building Construction; Chemistry, Chemical Engineering and Electrochemical Engineering; Biology and Public Health and Sanitary and Municipal Engineering; Mathematics, Physics, General Science and General Engineering and in Engineering Administration. These courses lead to the degree of Bachelor of Science.

To be admitted to the first year class applicants must have attained the age of seventeen years, and must satisfactorily fulfill entrance requirements in Algebra, Plane and Solid Geometry, Trigonometry, Physics, Chemistry, English, History and French or German and two units of elective subjects. Examinations are required in all subjects except Chemistry, History and the electives, the requirements for which are fulfilled by the presentation of satisfactory certificates. A division of these entrance subjects between different examination periods is permitted.

Entrance examinations are held at the Institute in September. In June applicants will be examined by the College Entrance Examination Board in Boston, New York, Philadelphia, Chicago, and many other cities in America and Europe. A circular stating times and places is issued in advance by the College Board.

Graduates of colleges and scientific schools of collegiate grade, and in general all applicants presenting satisfactory certificates showing work done at another college corresponding to at least one year's work at the Institute, are admitted, without examination, to such advanced standing as is warranted by their previous training.

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Correspondence should be addressed to the Institute of Technology.

PUBLICATIONS

Catalogue; Illustrated Circular of General Information, Summer Session, and Graduate Study and Research; and the Report of the President and the Treasurer. Any of the above named publications will be mailed free on application.

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